

Best Practices for mySAP.com

FUNCTIONAL SPECIFICATION INTERFACES			
Section I: Justification			
Area (SAP System components):	FI (AP)	Date:	04/18/2006
Requested by:	Teresa Hane	Tel no:	
Title:	FI Accounts Payable Parked Invoice (FV60)		
Short description:	Process AP (IDTs, etc.) for non-live agencies. Deletion of the parked (saved as complete) invoice and inclusion in the STARS error file/history file.		
Program type:	<input checked="" type="checkbox"/> Batch interfaces <input type="checkbox"/> Online interfaces		
Priority:	<input checked="" type="checkbox"/> High/mandatory <input type="checkbox"/> Medium/recommended <input type="checkbox"/> Low/optional		
<u>Interface specification:</u>			
Type of interface:	<input type="checkbox"/> BAPI <input checked="" type="checkbox"/> IDOC <input type="checkbox"/> ALE <input type="checkbox"/> Others		
Created with:	<input checked="" type="checkbox"/> SAP Standard interface <input type="checkbox"/> Add-on interface		
Interface direction:	<input checked="" type="checkbox"/> Inbound <input type="checkbox"/> Outbound <input type="checkbox"/> Both		
Frequency:	<input checked="" type="checkbox"/> Daily <input type="checkbox"/> Weekly <input type="checkbox"/> Monthly <input type="checkbox"/> Biweekly <input type="checkbox"/> Others:		
<u>General information:</u>			
Results if no interface is are created:	<input type="checkbox"/> Legal requirements not fulfilled <input checked="" type="checkbox"/> Lack of essential business information <input type="checkbox"/> Lack of functions compared to legacy system <input checked="" type="checkbox"/> Others: Increased manual entry		
Approx. duration of development work:	5 Days		
Is there an alternative in the standard system?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Description of alternative:			
Reasons why alternative is not acceptable:	<input type="checkbox"/> Performance problems <input type="checkbox"/> Complexity <input type="checkbox"/> Others:		
Project cost:		Charge cost to:	
Cost approved by:			
Date of project management approval:		Date of steering committee approval:	

Section II: Detailed Functional Description

Background:

The State of South Carolina expectations for the non-live agency process:

- Minimize impact to non-live SAP agencies
 - Allows non-live agencies to continue to access STARS inquiry systems, functionality and reports
 - Allows non-live agencies to continue to provide files in current format and data to STARS
- Minimize impact on SCEIS resources needed to support non-live agencies
- Minimize development cost of maintaining legacy STARS systems

Requirement:

- When a non-Live Agency's paying system submits a bill (IDTs, fringe benefits, etc.) to STARS for payment, the STARS record will be mapped to SAP master data and then an SAP FI Accounts Payable document (FV60) payment terms "Pay Immediately" will be created.
- The voucher address will be populated in the text field to allow the check writing process enhancement to overwrite the vendor master record address.
- When the non-Live Agency determines a payment is to be reversed or cancelled, the STARS record will be mapped to SAP master data and then the document will be reversed if a payment (check) has not been issued. If a check has been issued, it will be mapped back to the STARS master data and will be included in the STARS Error file. It should be handled by the Functional Spec STARS Part VIII - Cancel Warrant (STARS Batch 6) process.

Note: The STARS record must include the SAP document number (10).

- If the payment fails to park a payable document (save as complete), the record will be mapped back to STARS master data and will be included in the STARS Error file.
- If the parked payable document is rejected by workflow, the document will be deleted, the record will be mapped back to STARS master data and will be included in the STARS Error file.
- If the payment fails due to insufficient cash during the proposal run, the record will be mapped back to STARS master data and will be included in the STARS Error file with the SAP document number (10) and an indicator (1) (Y/N) to ensure the record is not included in the STARS file for reprocessing the next day.

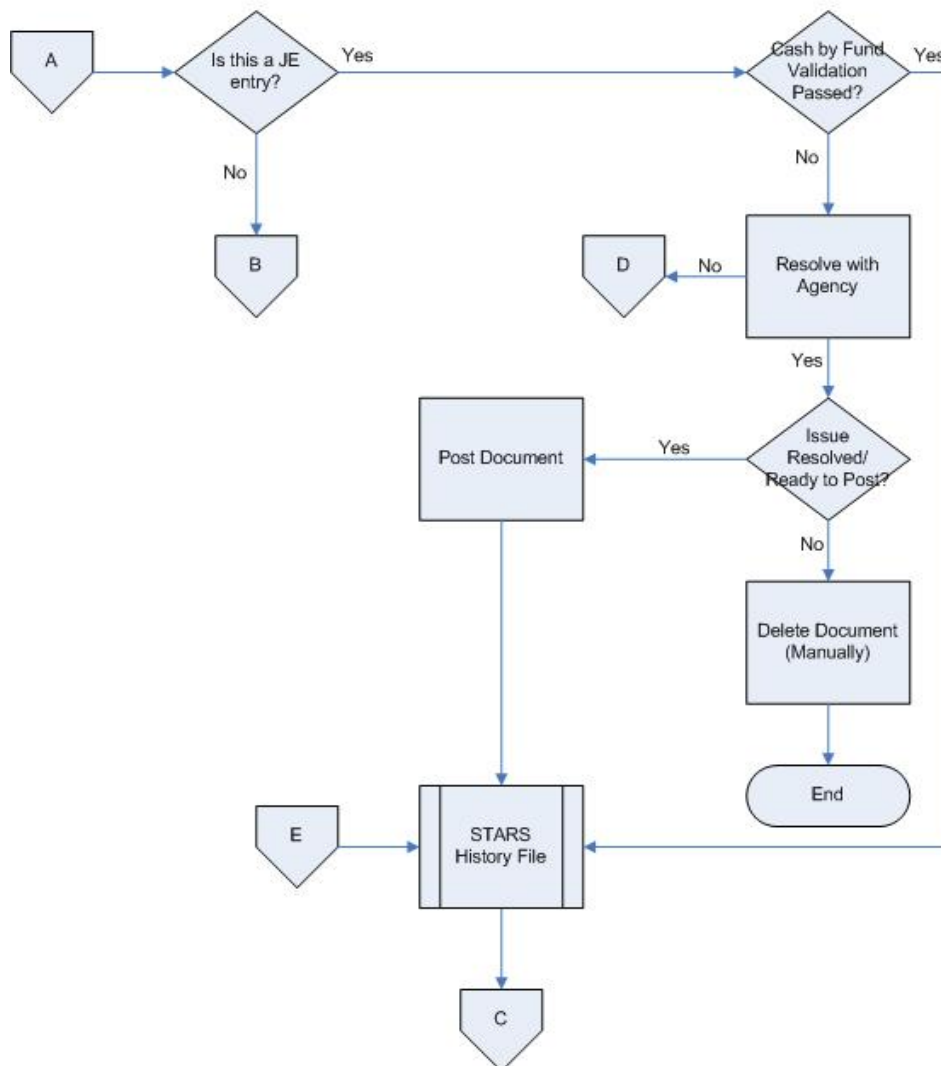
Note: If after a determined timeframe, the insufficient cash issue is not resolved, the payable will be reversed manually. It will not be mapped back to the STARS History or STARS Error file.

- When the invoice is paid (dr. vendor, cr. Cash), the record including the check number and the SAP document number will be mapped back to STARS master data and will be included in the STARS History file.
- Impact of one-time vendors with STARS (limited data available)

Note: The STARS History file and Error file will be covered in separate functional specs.

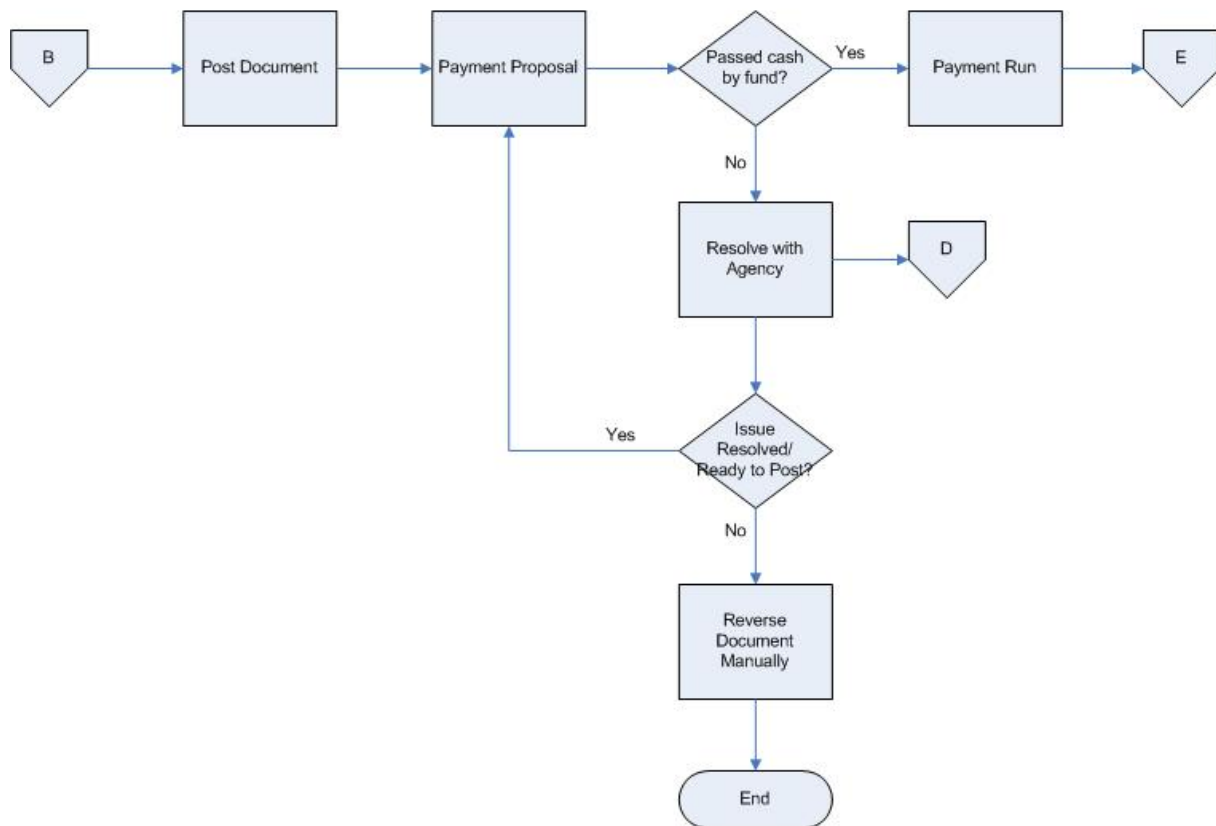
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STARS/SAP JE Non-Live Agencies



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STARS/SAP Payables Non-Live Agencies



A) Inbound Interfaces (Non-SAP System → SAP System)

Relevant tables:	Custom data mapping, BKPF, BSEG, BSEG_ADD, BSIK and BSAK
Description of inbound interface:	<p>The inbound file will have STARS legacy master data so the program will access the data mapping table (custom) and translate to SAP master data.</p> <p>If the record is a payable, Transaction FV60 Park Vendor Invoice Program SAPMF05A will be completed including voucher # in reference field, change payment terms “pay immediately”, enter voucher address in notes field. This will be needed to for the substitution in the cash writing process. The STARS trailer record (check jacket information) will also be included in the notes field.</p> <p>Possible IDOC: IDOC ACC_INVOICE_RECEIPT01</p> <p>If the record requires a reversal, the program will have to access the BSAK or BSEG to identify if the document has already been cleared. If the document has not been cleared, transaction FB08 Reverse Document Header SAPMF05A will be completed.</p> <p>Possible IDOC: IDOC ACC_INVOICE_REVERSE01</p> <p>If the record fails to park (save as complete) prior to workflow, the record will be mapped to STARS master data and will be included in the STARS Error file.</p> <p>If the parked document is rejected in workflow, Transaction FV60 Park Vendor Invoice Program SAPMF05A Delete will be required. The record will be mapped</p>

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	<p>to STARS master data and will be included in the STARS Error file.</p> <p>If the payment fails due to insufficient cash during the proposal run, the record will be mapped back to STARS master data and will be included in the STARS Error file with the SAP document number (10) and an indicator (1) (Y/N) to ensure the record is not included in the STARS file for reprocessing the next day.</p> <p>Note: If after a determined timeframe, the insufficient cash issue is not resolved, the payable will be reversed manually. It will not be mapped back to the STARS History or STARS Error file.</p> <p>When the invoice is paid (dr. vendor, cr. Cash), the record including the check number and the SAP document number will be mapped back to STARS master data and will be included in the STARS History file.</p>				
Input file 01:					
File name.	(path)				
Layout					
<i>Position</i>	<i>Field name</i>	<i>Type</i>	<i>Length</i>	<i>Decimals</i>	<i>Description</i>
1.	Field 1	C	10	02	
2.	Field 2	N	8		
3.	Field 3	X	15	03	
4.	Field 4	X	99		
5.	Field 5	X	99		
6.	Field 6	X	99		

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B) Outbound interfaces (SAP System → Non-SAP System)					
Relevant tables:	Custom data mapping table, STARS History File table, STARS Error File table				
Description of outbound interfaces:	<p>SAP Error Messages will need to be mapped to STARS Reason Codes for the STARS History and STARS Error files:</p> <p>Insufficient Appropriation Balance Receivable doesn't exist in SAP (IDT) – new code Vendor doesn't exist in SAP or unable to match vendor (e.g., same FEIN but different addresses). Insufficient Cash Rejected by CSA Audits (multiple codes)</p> <p>The data will need to be written to custom tables for:</p> <p>STARS History File STARS Error File</p> <p>These will be covered in detail in other STARS functional specs.</p>				
Output file 01:					
File name:	(path)				
Layout					
<i>Position</i>	<i>Fieldname</i>	<i>Type</i>	<i>Length</i>	<i>Decimals</i>	<i>Description</i>
1.	Field 1	C	10	02	
2.	Field 2	N	8		
3.	Field 3	X	15	03	
4.	Field 4	X	99		
5.	Field 5	X	99		
6.	Field 6	X	99		

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Section III: Functional test			
Program:	ZFO0001	Test date:	
Developer:		Tel no:	
<u>Team member responsible for testing:</u>			
1. Test file(s): (optional)			
2. Is the program in line with the functional specification? <input type="checkbox"/> Yes <input type="checkbox"/> No If "Yes", sign the form in the appropriate section below. If necessary, add some comments in the 'General comments' section. If "No", describe the errors in the program here.			
<u>Developer responsible:</u>			
3. Describe the solution(s) :			
4. New completion date:			
<u>Comments after second test</u> (if the program contained errors after first test):			
Date: / /			
<u>General comments:</u>			
<u>Names and signatures:</u>			

Application consultant			

Developer			